

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Proposed Amendments to Verification Procedures, Warranty, and In-Use Compliance Requirements for In-Use Strategies to Control Emissions from Diesel Engines*		CCR Title & Sections Affected: Title 13, CCR, sections 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2708, 2709, 2710		Statutes Being Implemented: Sections 39002, 39003, 39500, 39600, 39601, 39650-39675, 40000, 43000, 43000.5, 43009.5, 43011, 43013, 43018, 43101, 43104, 43105, 43106, 43107, 43204-43205.5, 43600, and 43700, Health and Safety Code.	
Responsible Agency Unit: Mobile Source Control Division	Contact Person & Phone Number: Shawn Daley (626) 575-6972	Projected Dates:			
		Notice: 12/7/2007	Hearing: 1/24/2008	Adoption: 1/24/2008	To OAL: 12/05/08
Summary: Staff will propose modifications to the Verification Procedure that would increase the Procedure's flexibility in evaluating the growing complexity and diversity of diesel emission control technologies. The proposed changes would also allow the Procedure to better support the state's in-use fleet regulations through more robust evaluations of control technologies and expedited verifications of viable control technologies. In addition, clarifying language is included to make the Procedure more straightforward for applicants. The amendments include, among other things, verification requirements for control technologies that only reduce NOx emissions, new reduction classifications for NOx reducing technologies, new testing requirements, and conditional extensions for verified technologies.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Amendments to the Zero Emission Vehicle Regulation*		CCR Title & Sections Affected: Title 13, CCR, section 1962		Statutes Being Implemented: Sections 39002, 39003, 39667, 43000, 43009.5, 43013, 43018, 43100, 43101, 43101.5, 43102, 43104, 43105, 43106, 43107, 43204 and 43205.5 of the Health and Safety Code		
Responsible Agency Unit: Mobile Source Control Division	Contact Person & Phone Number: Analisa Bevan (916) 323-8966	Projected Dates:				
		Notice: 2/8/08	Hearing: 3/27/08	Adoption: 3/27/08	To OAL: 2/6/09	
Summary: Amendments will be proposed to establish a more feasible requirement in light of technology readiness and additional amendments will simplify the overall regulation						

Subject: Ocean-Going Ship Main Engine And Auxiliary Boiler Proposed Regulation *		CCR Title & Sections Affected: Title 13, CCR, section 2299.2 Title 17, CCR, section 93118.2		Statutes Being Implemented: Health and Safety Code (H&SC) sections 43013, 43018 and 39666	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Bonnie Soriano 916-327-6888	Projected Dates:			
		Notice: 3/7/08	Hearing: 4/24/08	Adoption: 4/24/08	To OAL: 3/6/09
Summary: The Ocean-going Ship Main Engine and Auxiliary Boiler proposed regulation will reduce emissions of diesel and other forms of particulate matter, oxides of nitrogen, and oxides of sulfur emissions from OGV main engines and auxiliary boilers by requiring cleaner burning fuels and limiting the sulfur content of the fuel used in such engines.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Hydrogen Environmental Performance**		CCR Title & Sections Affected: Title 13, CCR, section 1962(e)		Statutes Being Implemented: Senate Bill 1505, Statutes of 2006	
Responsible Agency Unit: Mobile Source Control Division	Contact Person & Phone Number: Gerhard Achtelik (916) 323-8973	Projected Dates:			
		Notice: 3/7/08	Hearing: 4/24/08	Adoption: 4/24/08	To OAL: 3/6/09
Summary: This regulation will establish environmental performance requirements (criteria pollutant, toxic and greenhouse gas emissions) for the production of hydrogen for use as a transportation fuel as required by Senate Bill 1505 (Statutes of 2006).					

Subject: Public Hearing to Consider Amendments to the Small Off-Road Engine Regulations and Large Spark-Ignition Engines*		CCR Title & Sections Affected: Title 13, CCR, sections 2401-2409 and 2430-2437		Statutes Being Implemented: Sections 43000, 43009.5, 43013, 43017, 43018, 43101, 43102, 43104, 43105, 43106, 43107, 43150, 43151, 43152, 43153, 43154,43204, 43205, 43205.5, 43210, 43210.5, 43211, and 43212		
Responsible Agency Unit: Mobile Source Control Division	Contact Person & Phone Number: Yun Hui Park (626) 450-6263	Projected Dates:				
		Notice: 04/04/2008	Hearing: 05/22/2008	Adoption: 05/22/2008	To OAL: 04/03/2009	
Summary: Staff will propose for small off-road engines and equipment to remove mechanisms that allow for the generation of production credits, to introduce a “years” definition for emission durability period, to adopt a limit on credit lifetime, to introduce a discounting factor for emission credits and to make other minor changes to warranty contact information and enforcement. Staff will also propose to adopt new exhaust and evaporative emission standards for large spark-ignition engines with an engine displacement of less than or equal to one liter. Staff may also propose miscellaneous clarifications to the existing regulations.						

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Amendments to the Consumer Products Regulations**		CCR Title & Sections Affected: Title 17, CCR, sections 94500-94506.5; 94507-94517, 94520-94528; and 94700-94701		Statutes Being Implemented: Health and Safety Code section 41712	
Responsible Agency Unit: Stationary Source	Contact Person & Phone Number: Carla Takemoto 916-324-8028	Projected Dates:			
		Notice: 05/09/08	Hearing: 06/26/08	Adoption: 06/26/08	To OAL: 05/08/09
Summary: Staff will propose amendments to the consumer products regulations to further reduce ozone precursor emissions from consumer products. The amendments may include mass-based and/or reactivity based limits for a variety of categories. The Tables of Maximum Incremental Reactivity (MIR) values may be amended and exemptions to the VOC definition may be proposed. Amendment of ARB Method 310 for compliance testing of consumer products may also be proposed.					

Subject: Public Hearing to Consider Amendments to the Spark-Ignition Marine Engine Regulations*		CCR Title & Sections Affected: Title 13, CCR, sections 2111, 2112, 2139, 2147, 2440-2448		Statutes Being Implemented: Sections 43013, 43017, 43018, 43101, 43102, 43104, 43105, 43150-43145, 43205.5 and 43210-43212	
Responsible Agency Unit: Mobile Source Control Division	Contact Person & Phone Number: Jeff Lowry (626) 575-6841	Projected Dates:			
		Notice: 06/06/2008	Hearing: 07/24/2008	Adoption: 07/24/2008	To OAL: 06/05/2009
Summary: Staff will propose to adopt exhaust standards for carbon monoxide, to adopt not-to-exceed limits for in-use compliance, to revise existing requirements for high performance engines (> 500 horsepower), and to harmonize to the extent appropriate and feasible with federal requirements should such requirements be finalized prior to the scheduled date of the hearing; such harmonization may include the adoption of evaporative emission control standards. Staff may also propose miscellaneous clarifications to the existing regulations.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Plug In Hybrid Test Procedures*		CCR Title & Sections Affected: TBD		Statutes Being Implemented: n/a	
Responsible Agency Unit: Mobile Source Control Division	Contact Person & Phone Number: Craig Childers (916) 445-6012	Projected Dates:			
		Notice: 8/8/2008	Hearing: 9/25/08	Adoption: 9/25/08	To OAL: 8/7/09
Summary: Proposed amendments will update the test procedures for plug in hybrid electric vehicles to reflect technology changes and to align with developing international test procedures.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Biennial Update to Heavy-Duty On-board Diagnostics (HD OBD) Regulation*		CCR Title & Sections Affected: Title 13, section 1971.1; possibly also Title 13, section 1968.2 and 1971.5		Statutes Being Implemented: Sections 39002, 39003, 39010-39060, 39515, 39600-39601, 43000, 43000.5, 43004, 43006, 43013, 43016, 43018, 43100, 43101, 43102, 43104, 43105, 43105.5, 43106, 43150-43156, 43204, 43205, 43211, and 43212	
Responsible Agency Unit: Mobile Source Control Division	Contact Person & Phone Number: Mike McCarthy (626) 771-3614	Projected Dates:			
		Notice: 8/8/2008	Hearing: 9/25/08	Adoption: 9/25/08	To OAL: 8/7/09
Summary: Biennial update and review of previously adopted HD OBD regulation that applies to 2010 and subsequent model year heavy-duty engines in vehicles above 14,000 lbs GVWR. Review would assess engine manufacturer's progress towards meeting the technology-forcing diagnostic requirements that ensure that all emission controls are properly operating and propose revisions, if necessary.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Amendments to the Transport Refrigeration Units (TRU) ATCM		CCR Title & Sections Affected: Title 13, CCR, Section 2477		Statutes Being Implemented: §§ 39600, 39601, 39618, 39658, 39659, 39666, 39667, 39674, 39675, 42400 et seq., 42408 et seq., 42410, 43013, 43018, Health and Safety Code; Assembly Bill 32, 2006 Statutes, Chapter 488, Division 25.5 (Section 38500 et. Seq.)			
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Richard Boyd, (916) 322-8285 Rod Hill, (916) 327-5636	Projected Dates:					
		Notice: 09/5/08	Hearing: 10/23/08	Adoption: 10/23/08	To OAL: 09/4/09		
Summary: Amendments to the existing TRU ATCM to adjust compliance dates to better align with availability of verified diesel emission control strategies and consider requirements for NOx and greenhouse gases.							

Subject: Commercial Harbor Craft – Crew and Supply Vessels (Tentative)		CCR Title & Sections Affected: Title 13, CCR, section 2299.5 Title 17, CCR, section 93118.5		Statutes Being Implemented: Health and Safety Code sections 39650-39675	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Todd Sterling 916-445-1034	Projected Dates:			
		Notice: 09/5/08	Hearing: 10/23/08	Adoption: 10/23/08	To OAL: 09/4/09
Summary: The purpose of this proposed regulation is to reduce diesel particulate matter, oxides of sulfur, and oxides of nitrogen from diesel propulsion and auxiliary engines on crew and supply vessels that operate in California waters.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Amendments to the E85 Specifications		CCR Title & Sections Affected: Title 13, CCR, Sections 2290-2293.5		Statutes Being Implemented: Health & Safety Code 43018	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Renee Littaua 916-322-6019	Projected Dates:			
		Notice: 09/5/08	Hearing: 10/23/08	Adoption: 10/23/08	To OAL: 09/4/09
Summary: Revise the specifications for E85 (a fuel with 85 percent ethanol and 15 percent gasoline), including changes to minimize duplication with the American Society for Testing and Materials (ASTM) specifications.					

Subject: Consideration of Amendment to the Compressed Natural Gas Motor Vehicle Fuel Specifications		CCR Title & Sections Affected: Title 13, CCR, Section 2292.5		Statutes Being Implemented: Health and Safety Code sections: 39600, 39601, 43013, 43018, and 43101	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Gary M. Yee, (916) 327-5986	Projected Dates:			
		Notice: 09/5/08	Hearing: 10/23/08	Adoption: 10/23/08	To OAL: 09/4/09
Summary: The existing motor vehicle specifications for compressed natural gas are prescriptive and limit the levels of certain constituents of natural gas. The proposed amendments would add an optional set of specifications or indexes that would allow additional compliances flexibility while maintaining fuel quality.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Greenhouse Gas Emission Reduction Verification Regulation		CCR Title & Sections Affected: Title 17, CCR, sections 95100 to 95133		Statutes Being Implemented: §§ 38571, Health and Safety Code	
Responsible Agency Unit: Planning and Technical Support Division	Contact Person & Phone Number: Dale Shimp, 916-324-7156	Projected Dates:			
		Notice: 9/5/2008	Hearing: 10/23/2008	Adoption: 10/23/2008	To OAL: 3/2/09
Summary: The Board will consider a regulation to verify and enforce voluntary greenhouse gas reductions that are authorized by the Air Resources Board to comply with greenhouse gas emission limits.					

Subject: Supplemental Federal Test Procedures: Amendments to Motor Vehicle Exhaust Emission Test Procedures and Regulations (SFTP II) *		CCR Title & Sections Affected: Title 13, CCR, Sections 1960.1(q), 1960.1(r), and 1961.		Statutes Being Implemented: 39600, 39601, 43013, 43018, 43101, 43104, and 43105 Health and Safety Code	
Responsible Agency Unit: Mobile Source Control Division	Contact Persons & Phone Number: Keith Macias (626) 575-7068	Projected Dates:			
		Notice: 9/5/08	Hearing: 10/23/08	Adoption: 10/23/08	To OAL: 9/4/09
Summary: In 1997, ARB adopted the Supplemental Federal Test Procedures (SFTP) which established exhaust standards to control off-cycle emissions from aggressive driving and air conditioning usage from light-duty vehicles (up to 8,500 pounds GVWR). The ARB committed to not amending these standards until the full phase-in of the regulation which occurred with the 2005 model year. The ARB is now proposing lowering these standards to align with the Low Emission Vehicle II (LEV II) program, establish useful life standards, extend the applicability to include alternative-fueled vehicles and vehicles up to 14,000 pounds GVWR, and harmonize test procedures with the United States Environmental Protection Agency regulations as needed. Staff expects that heavier weight class vehicles and all weight classes of diesel vehicles may have to significantly upgrade their hardware to meet the proposed standards; however it is expected that the majority of vehicles will be able to meet the proposed SFTP requirements with very minor engine calibrations and hardware upgrades, thereby making the rule overall very cost effective.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: SmartWay Truck Efficiency **		CCR Title & Sections Affected: Title 13, CCR, Sections: TBD		Statutes Being Implemented: Health and Safety Code, sections: 38501,38505, 38560, 38563, 39600, 39601, 43013, 43018, 43101, 43104, and 43105	
Responsible Agency Unit: Mobile Source Control Division	Contact Person & Phone Number: Stephan Lemieux (626) 450-6162	Projected Dates:			
		Notice: 9/5/2008	Hearing: 10/23/2008	Adoption: 10/23/2008	To OAL: 9/4/2009
Summary: This measure is a discrete early action measure designed to reduce greenhouse gas (GHG) and criteria pollutant emissions from on-road heavy-duty diesel trucks and trailers. The strategy involves requiring existing trucks/trailers to be retrofitted with the best available “SmartWay Transport” and/or ARB approved technology. Technologies that reduce GHG emissions from trucks may include devices that reduce aerodynamic drag and rolling resistance. Aerodynamic drag may be reduced using devices such as cab roof fairings, cab and trailer side gap fairings, cab and trailer side skirts, and a trailer “tail”. Rolling resistance may be reduced using single wide tires or low-rolling resistance tires and automatic tire inflation systems on both the tractor and the trailer. The requirements would apply to both California and out-of-state registered trucks that do business in California.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Emission Control Measure for On-Road Heavy Duty Diesel Fueled Vehicles***		CCR Title & Sections Affected: Title 13, CCR, section 2025		Statutes Being Implemented: Sections 39600, 39601, 39658, 39659, 39666, 39667, 39674, 39675, 42400 et seq., 42402 et seq., 42410, 43013, 43018, California Health and Safety Code.	
Responsible Agency Unit: Mobile Source Control Division	Contact Person & Phone Number: Gloria Lindner (916) 323-2803, or Tony Brasil (916) 323-2927	Projected Dates:			
		Notice: Sept. 5, 2008	Hearing: Oct. 23, 2008	Adoption: Oct. 23, 2008	To OAL: Sept. 4, 2009
<p>Summary:</p> <p>This regulation will reduce emissions of diesel particulate matter, oxides of nitrogen, and greenhouse gases from certain existing on-road diesel vehicles. It will require these on-road diesel vehicles to be upgraded to a cleaner engine or retrofit with an exhaust emission control device to achieve the significant emission reductions necessary to meet California's commitment in the State Implementation Plan. It will affect nearly all in-use diesel trucks and buses operating in California, regardless of registration.</p> <p>*** Major Regulation</p>					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Amendments to the Consumer Products Regulations**		CCR Title & Sections Affected: Title 17, CCR, sections 94500-94506.5; 94507-94517; 94520-94528; 94540-94555 and 94700-94701		Statutes Being Implemented: Health and Safety Code section 41712	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Carla Takemoto 916-324-8028	Projected Dates:			
		Notice: 10/03/08	Hearing: 11/20/08	Adoption: 11/20/08	To OAL: 10/02/09
Summary: Staff will propose amendments to the consumer products regulations to further reduce ozone precursor emissions from consumer products. The amendments may include mass-based and/or reactivity based limits for a variety of categories. The Tables of Maximum Incremental Reactivity (MIR) values may be amended and exemptions to the VOC definition may be proposed. Amendment of ARB Method 310 for compliance testing of consumer products may also be proposed. Amendments to the Alternative Control Plan regulation may also be proposed.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Zero Evaporative Requirements: Amendments to Motor Vehicle Evaporative Emissions Test Procedures and Regulations**		CCR Title & Sections Affected: Title 13, CCR, Section 1976		Statutes Being Implemented: 39600, 39601, 43013, 43018, 43101, 43102, 43104, and 43105 Health and Safety Code	
Responsible Agency Unit: Mobile Source Control Division	Contact Person & Phone Number: Sharon Lemieux (626) 575-7067	Projected Dates:			
		Notice: 10/3/08	Hearing: 11/20/08	Adoption: 11/20/08	To OAL: 10/2/09
Summary: In 1998, ARB adopted very stringent evaporative requirements as an integral part of the Low Emission Vehicle II (LEVII) program. Included in the LEVII evaporative regulations was an optional zero evaporative standard where manufacturers certifying to this requirement and the super ultra low emission vehicle (SULEV) exhaust standard could receive partial zero emission vehicle (PZEV) credits. The optional zero evaporative standards require vehicles to certify to a “whole vehicle” numerical value depending on the vehicle class, as well as a zero fuel demonstration for the fuel system. Many manufacturers have been certifying to the optional zero evaporative standards since 2003; therefore the technology required to meet zero evaporative standards has been well established and is cost effective. ARB is now proposing requiring all light duty vehicles to comply with the whole vehicle zero evaporative standards. This would result in a minimum 30% emission reduction from current evaporative emissions. Vehicles seeking PZEV credits would still be required to comply with the zero fuel demonstration.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Methane Emissions from Municipal Solid Waste Landfills		CCR Title & Sections Affected: Title 17		Statutes Being Implemented: Assembly Bill 32, 2006 Statutes, Chapter 488, Division 25.5 (Section 38500 et. Seq.)	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Richard Boyd, (916) 322-8285 Renaldo Crooks, (916) 327-5618	Projected Dates:			
		Notice: 10/03/08	Hearing: 11/20/08	Adoption: 11/20/08	To OAL: 10/02/09
Summary: Summary: This control measure is a discrete early action measure pursuant to Health and Safety Code § 38500 et. seq. (Assembly Bill 32). The control measure will provide enhanced control of methane emissions from municipal solid waste landfills by requiring the installation of gas collection and control systems at smaller and other uncontrolled landfills. The control measure will also include requirements which will increase landfill methane capture efficiencies.					

Subject: Amendments to the Consumer Products Regulations**		CCR Title & Sections Affected: Title 17, CCR, sections 94500-94506.5, 94507-94517, and 94520-94528		Statutes Being Implemented: Health and Safety Code section 38560.5	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Carla Takemoto 916-324-8028	Projected Dates:			
		Notice: 10/03/08	Hearing: 11/20/08	Adoption: 11/20/08	To OAL: 10/02/09
Summary: As part of the Climate Change Discrete Early Actions, amendments to the consumer products regulations would limit or prohibit the non-essential use in consumer products of greenhouse gases with high global warming potentials.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: 2008 Area Designations and Designation Criteria Amendments		CCR Title & Sections Affected: Section 93300.5, Title 17, CCR,		Statutes Being Implemented: §§ 44300-44394 Health and Safety Code	
Responsible Agency Unit: Planning and Technical Support Division	Contact Person & Phone Number: Sylvia Zulawnick, (916) 324-7163	Projected Dates:			
		Notice: 9/23/08	Hearing: 11/20/08	Adoption: 11/20/08	To OAL: 10/23/09
Summary: Each year the ARB staff reviews the area designations for State standards and proposes changes based on the most recent air quality information. In this item, staff will propose appropriate changes based on air quality collected during 2005-2007. In addition to proposing changes for the existing State standards, staff will propose first-time designations for the new State nitrogen dioxide standards. Staff will also propose any changes to the area designation criteria that are needed.					

Subject: Regulations to Reduce Emissions from Ocean-Going Vessels While At-Berth at a California Port – Phase II		CCR Title & Sections Affected: Title 13, CCR, section 2299.3 and Title 17, CCR, section		Statutes Being Implemented: §§ 43013, 43018 and 39666 Health and Safety Code	
Responsible Agency Unit:	Contact Person & Phone Number:	Projected Dates:			
Stationary Source Division	Mike Waugh (916) 445-6018	Notice: 10/24/08	Hearing: 12/11/08	Adoption: 12/11/08	To OAL: 10/23/09
Summary: The Board adopted a regulation on December 6, 2007, to reduce hotelling emissions from container ships, passenger ships, and refrigerated cargo ships. Phase II will address emissions from tankers, bulk/general cargo ships, vehicle carriers, and tug boats.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Semiconductor Industry Fluorinated Gas Reduction		CCR Title & Sections Affected: Title 17, CCR, New Section (TBA)		Statutes Being Implemented: Assembly Bill 32, 2006 Statutes, Chapter 488, Division 25.5 (Section 38500 et. Seq.)	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Terrel Ferreira (916) 445-3526	Projected Dates:			
		Notice: 10/24/08	Hearing: 12/11/08	Adoption: 12/11/08	To OAL: 10/23/09
Summary: The proposed regulation would reduce emissions of fluorinated gases from the dry etching and chemical vapor deposition clean chambers processes performed in the manufacture of semiconductors. To develop the proposed regulation, staff will conduct an industry survey to estimate emissions and evaluate control technologies. Staff will hold public workshops and meetings with industry and other interested parties in preparing the regulation. \					

Subject: Consideration of Amendment to the Specifications for Motor Vehicle Diesel Fuel		CCR Title & Sections Affected: Title 13, CCR §§ 2281, 2282, 2284, and 2285		Statutes Being Implemented: §§ 39600, 39601, 39665, 39667, and 43013 Health and Safety Code	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Renee Littaua, (916) 322-6019	Projected Dates:			
		Notice: 10/24/08	Hearing: 12/11/08	Adoption: 12/11/08	To OAL: 10/23/09
Summary: The proposed amendments would provide technical clean-up, increased flexibility, and increased enforceability of California's diesel fuel regulations.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Development of the Low Carbon Fuel Standard		CCR Title & Sections Affected: Title 13, CCR		Statutes Being Implemented: Health & Safety Code 43018 Assembly Bill 32, 2006 Statutes, Chapter 488, Division 25.5 (Section 38500 et. Seq.)	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: John Courtis 916-323-2661	Projected Dates:			
		Notice: 10/24/08	Hearing: 12/11/08	Adoption: 12/11/08	To OAL: 10/23/09
Summary: ARB has identified the LCFS as an early action item to be implemented by 2010. The LCFS as described in the Governor's Executive Order S-01-07 would apply to California transportation fuels with the objective of achieving a 10 percent reduction in carbon intensity by 2020.					

Subject: Consideration of Amendments to the California Reformulated Gasoline Regulations		CCR Title & Sections Affected: Title 13, CCR, §§ 1960.1 (k), 1956.8 (d), 1961 (d), and 2260 et seq.		Statutes Being Implemented: §§ 39600, 39601, 43013, 43018, 43101, and 43105 Health and Safety Code	
Responsible Agency Unit: Stationary Source Division	Contact Person & Phone Number: Renee Littaua, (916) 322-6019	Projected Dates:			
		Notice: 10/24/08	Hearing: 12/11/08	Adoption: 12/11/08	To OAL: 10/23/09
Summary: The proposed amendments would provide technical clean-up, increased flexibility, and increased enforceability of California's reformulated gasoline regulations, as well as consideration of mitigation for off-road permeation losses.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: **Reduction of HFC-134a Emissions from Do-It-Yourself Servicing of Motor Vehicle Air Conditioners		CCR Title & Sections Affected: Title 13, CCR, § 2510.		Statutes Being Implemented: Health & Safety Code Section 38560.5 California Global Warming Solutions Act of 2006 (AB 32)	
Responsible Agency Unit: Research Division	Contact Person & Phone Number: Winston Potts, (916) 323-2537	Projected Dates:			
		Notice: 10/24/08	Hearing: 12/11/08	Adoption: 12/11/08	To OAL: 10/23/09
Summary: ARB staff will propose a regulation to reduce the emissions of refrigerants with high global warming potential from the non-professional recharging of leaky automotive air conditioning systems. Typically this service is performed by people servicing the air conditioners on their own vehicles using small cans of refrigerant purchased at retail outlets. It is believed that the primary sources of emissions originate from refrigerant remaining in the discarded cans and leaks in the air conditioning system. Two alternatives that may be pursued by this regulation are to restrict the sale of small cans or to develop and implement a can return program where the refrigerant remaining in the discarded cans would be recycled.					

Subject: Revisions to the Regulation on Mandatory Reporting of Greenhouse Gas Emissions		CCR Title & Sections Affected: Title 17, CCR, §§ 95100 to 95133		Statutes Being Implemented: §§38510, 38530, 38580, 39600, 39601, and 41511, Health and Safety Code	
Responsible Agency Unit: Planning and Technical Support Division	Contact Person & Phone Number: Doug Thompson, 916-322-7062	Projected Dates:			
		Notice: 10/24/2008	Hearing: 12/11/2008	Adoption: 12/11/2008	To OAL: 4/2/2009
Summary: The Board will consider amendments to the regulation adopted in December 2007 to require mandatory reporting of greenhouse gas (GHG) emissions. The amendments will bring additional facilities into the reporting and make modifications to the reporting requirements to streamline reporting.					

**CALIFORNIA AIR RESOURCES BOARD
2008 RULEMAKING CALENDAR**

SCHEDULE B: PROPOSED REGULATIONS IMPLEMENTING STATUTES ENACTED PRIOR TO THE YEAR 2007

Subject: Cool Paints – Technologies that Reduce On-road Vehicle Air Conditioner Usage**		CCR Title & Sections Affected: New regulations		Statutes Being Implemented: Authority: 38500, 38501, 38505, 38560, 38560.5, 38562, 38563, 38570, 38580, 38597, 39600, 39601, 43013, 43018, 43018.5, 43100, 43101, and 43104, 43105, and 43106, Health and Safety Code			
Responsible Agency Unit: Mobile Source Control Division	Contact Persons & Phone Numbers: Marijke Bekken (626) 575-6684 Sharon Lemieux (626) 575-7067	Projected Dates:					
		Notice: 10/24/08	Hearing: 12/11/08	Adoption: 12/11/08	To OAL: 10/23/09		
Summary: AB 32 has the goal of reducing California’s greenhouse gas emissions. The cool paints item would contribute to that goal by reducing the percent of time that vehicular air conditioners are in use. The use of mobile air conditioners substantially increases greenhouse gas pollutants, as well as emissions of other criteria pollutants. When a vehicle is parked in the sun, the interior rapidly warms to substantially above ambient temperatures. If the interior temperature remains cooler, the vehicle’s occupants will be less likely to be activating the air conditioner. The cool paints item takes advantage of the fact that solar radiation is composed of both visible light, which determines the paint’s color, and invisible light. Slightly over half of the energy from solar radiation is actually invisible. Reformulating the paint to reflect the invisible wavelengths will keep the vehicle’s interior cooler. To maximize benefit, cool paints requirements could be combined with other technologies designed to keep a vehicle’s interior cooler, such as reflective automotive window glazings. ARB is proposing to adopt a reflectivity standard for automotive paints and window glazings. The rule should be very cost effective, since there exist commercially available suitable paints and window glazings.							